

BY ORDER OF THE COMMANDER

SAFB INSTRUCTION

84-101

24 April 2000



STATIC DISPLAY AIRCRAFT RADIATION SAFETY

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements AFPD 84-1, *Air Force History and Museum Programs*. It establishes procedures to ensure safety of personnel and equipment while working on or in the vicinity of radioactive materials located in or on USAF Museum aircraft displays IAW AFI 84-103, *Museum System*, para 9.9. This includes, but is not limited to: packaging and unpackaging; shipping and receiving; care, cleaning, preservation, repair and restoration; movement for storage, building, refurbishing or dismantling aircraft; employee work in or near aircraft or exhibits, or storage facilities containing suspected radioactive materials.

SUMMARY OF REVISIONS

Office symbols in the 82d Logistics Group were changed to reflect current symbols. Instruction has been reformatted and numbered for current requirements. A star "★" indicates revision from previous edition.

★SECTION A--TASKED ORGANIZATIONS

- 82d Training Wing Plans (82 TRW/XP)
- 82d Aerospace Medical Squadron
Bioenvironmental Flight
(82 AMDS/SGPB)
- 82d Logistics Group (82 MXS/LGMQ)
- 82d Training Wing Public Affairs
(82 TRW/PA)
- 82d Logistics Group (82 MXS/MAN)

SECTION B--RESPONSIBILITIES

1. Radiation Surveys: The Bioenvironmental Engineer (Base Radiation Safety Officer {RSO}) is designated the Airpark RSO. The Bioenvironmental Engineer will perform initial and periodic radiation surveys IAW AFI 84-103, Chap 9. Inventory and record all radioactive components on AF Form 3583, **USAF Museum Aerospace Static Display/Component Radiation Survey Log**, and AF Form 3584, **USAFM Museum Aerospace Vehicle/Component Radiation Swipe Log**.

Copies of these readings will be maintained in the maintenance files (located in the maintenance office, Bldg 1360) and in the permanent records (located in the Historical Property Custodian, (HPC) office, 82 TRW/XP. The forms will be used to monitor radiation readings of each aircraft display and to brief maintenance personnel prior to maintenance on any static display aircraft.

2. Prior To Maintenance: Prior to the maintenance of any static display aircraft, the maintenance supervisor will brief the maintenance personnel on the locations of radioactive components and how to provide safe maintenance or repairs. If contemplated work includes work on radioactive items, notify the Radiation Safety Officer to ensure procedures are correct and safe. Place special emphasis when work involves potentially hazardous operations such as sanding on radioactive panels in preparation for painting. The maintenance supervisor will ensure maintenance personnel are qualified to perform maintenance/repairs and have the required equipment.

3. When Assigned To Maintenance of Display Aircraft: When assigned work on a static aircraft display, maintenance personnel will review the AF Form 3581, **USAF Museum Aerospace Vehicle Static Display Maintenance Log**, for any documentation that may include data on radioactive components. Next, review AF Form 3583 and AF Form 3584 to determine if components are radioactive or they are in the vicinity of radioactive components.

4. During Maintenance: If a person discovers or reasonably suspects a component is radioactive or has contaminated an area, secure the area and place it off limits to all personnel in such a way to prevent obvious attention to the incident as radioactive contamination. Notify the maintenance supervisor and RSO. Only workers under the supervision of the RSO may perform decontamination operations. Decontamination actions will be accomplished to minimize observation by the public. Ensure necessary equipment is used and any radioactive items removed are disposed of in accordance with T.O. 00-110N-2.

5. Control of Radioactive Material: All radioactive material will be under positive control and disposed of in accordance with T.O. 00-110N-2.

6. Media: Under no circumstances will radioactive problems be discussed with media personnel (newspaper, TV, etc.). The only spokesman will be the Office of Public Affairs. Transfer any inquiries to them for response without any comment on the situation.

7. Points Of Contact:

7.1. 82 TRW/XP, Historical Property Custodian (HPC), 676-2930

7.2. 82 TRW/PA, Public Affairs, 676-2732

7.3. 82 AMDS/SGPB, Bioenvironmental Engineering, 676-3080

7.4. 82 MXS/LGMQ, Trainer Maintenance Quality Assurance, 676-2802

7.5 . 82 MXS/MAN, Aircraft Maintenance, 676-4455

★8. Forms cited: AF Form 3581, USAF Museum Aerospace Vehicle Static Display Maintenance Log; AF Form 3583, USAF Museum Aerospace Static Display/Component Radiation Survey Log; and AF Form 3584, USAFM Museum Aerospace Vehicle/Component Radiation Swipe Log.

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